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Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

	Under	the Paperwork Reduction Act of 1995, no persons are required to respond			
	4	UTILITY		•	Docket No. 16115
	4	PATENT APPLICATION	First		entor or Application Identifier Russell J. Wakeman
	\subseteq	TRANSMITTAL	Title		Apparatus for Deactivating an Engine Valve
	1540r i	new nonprovisional applications under 37 CFR 1.53(b)	Exp	ress N	Mail Label No. EV 329825705 US
	P	APPLICATION ELEMENTS			MAIL STOP PATENT APPLICATION
	O	e MPEP chapter 600 concerning utility patent application contents			Commissioner for Patents ADDRESS TO: P. O. Box 1450
					Alexandria, VA 22313-1450
1.	X	*Fee Transmittal Form (e.g., PTO/SB/17)	7.		CD-ROM or CD-R in duplicate, large table or
-		(Submit an original, and a duplicate for fee processing)	••		Computer Program (Appendix)
	_			_	
2.	u	Applicant claims small entity status.	8.	Ц	Nucleotide and/or Amino Acid Sequence Submission
		(See 37 CFR 1.27)			Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
3.	\boxtimes	Specification [Total Pages 18]			a. Computer Readable Form (CRF) b. Specification Sequence Listing on:
		(preferred arrangement set forth below)			i. CD-ROM or CD-R (2 copies); or
		 Descriptive title of the Invention 			ii. Paper
		Cross References to Related Applications			
		- Statement Regarding Fed sponsored R&D			c. Statement verifying identity of above copies ACCOMPANYING APPLICATION PARTS
		 Reference to sequence listing, a table, or a computer program listing appendix 		-	
		 Background of the Invention 	9.	\boxtimes	<i>y</i>
		 Brief Summary of the Invention Brief Description of the Drawings (if filed) 	10.		37 CFR §3.73(b) Statement
		Detailed Description Detailed Description	١.,		,
		— Claim(s)	11.		English Translation Document (if applicable). Information Disclosure
	(()	- Abstract of the Disclosure	12.		Information Disclosure Statement (IDS)/PTO-1449 Citations
4.	X	Drawing(s) (35 USC 113) [Total Sheets3	13.		Preliminary Amendment
5.	Oath	or Declaration [Total Pages 2]	14.	×	<u>.</u>
		a. Newly executed (original or copy)	1 17.		(Should be specifically itemized)
		b. Copy from a prior application (37 CFR 1.63(d))	15.		Certified Copy of Priority Document(s)
		(for continuation/divisional with Box 18 completed)	l	_	(if foreign priority is claimed)
		[Note Box 5 below]	16.	Ц	Request and Certificate under 35 U.S.C. 122(b)(2)(B)(i).
		DELETION OF INVENTORS	١		Applicant must attach Form PTO/SB/35 or its equivalent
		i. Signed statement attached deleting	17.	_	Other:
		inventor(s) named in the prior application, see CFR §§ 1.63(d)(2) and 1.33(b).			
6. 18		Application Data Sheet. See 37 CFR 1.76 If a CONTINUING APPLICATION, check appropriate box, and supply	the re	anisi	te information below and in a preliminary amendment:
۱"	•	☐ Continuation ☐ Divisional ☐ Continuation-in-part (CI		quisi	of prior Application No. /
Fo	r CON	Prior application information: Examiner INUATION OR DIVISIONAL APPS only: The entire disclosure of the prior	ior app	licati	ion, from which an oath or declaration is supplied under Box 5b, is
		d a part of the disclosure of the accompanying continuation or divisional apon when a portion has been inadvertently omitted from the submitted application.			d is hereby incorporated by reference. The incorporation <u>can only</u> be
		19. CORRESPOND	ENC	E A	ADDRESS
П	×	Customer Number or Bar Code Label			or Correspondence address below
•		048	59		
		PATENT TRADE		FFICE	E
		William J. Clemens, Esq.			
	ime Idress				
Ci					Zip Code
Co	ountry	Telephone 734/542-0	900		Fax 734/542-9569
	-	int/type) William J. Clemens			Registration No. (Attorney/Agent) 26,855
Si	gnature				Date October 6, 2003
	Burde	n Hour Statement. This form is estimated to take 0.2 hours to complete. Time will va	ry deper Patent a	nding nd Tr	upon the needs of the individual case. Any comments on the amount of ademark Office, Washington, DC 20231. DO NOT SEND FEES OR
	COM	PLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Pate			
	c:\213	31\16114.sb05.doc	a by F	v n re	ss Mail

"Express Mail" Mailing Label No. EV 329825705 US Date of Deposit October 32003. I hereby certify that this paper or fee is being deposited in the United States "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450

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FEE TRANSMITTAL	Complete if known				
For FY 2003	Application Number				
· ·	Filing Date				
Effective 01/01/2003. Patent fees are subject to annual revision.	First Named Inventor Russell J. Wakeman				
Applicant claims small entity status. See 37 CFR 1.27	Examiner Name				
	Group/Art Unit				
TOTAL AMOUNT OF PAYMENT (\$ 810)	Attorney Docket No. 16114				

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)							
☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None	3.	ADDIT	ONAL FE	ES					
☑ Deposit Account:	Large Fee	Entity Fee	Small Fee	Entity Fee					
Deposit	Code	(\$)	Code	(\$)	Fee Description Fee Paid				
Acct. No. 13-0005	1051	130	2051	65	Surcharge - late filing fee or oath				
Deposit	1052	50	2052	25	Surcharge – late provisional filing				
Acct. Name <u>MacMillan, Sobanski, & Todd, LLC</u>	1053	130	1053	130	fee or cover sheet Non-English specification				
The Commissioner is authorized to: (Check all that apply)	1812	2,520	1812	2,520	For filing a request for ex parte				
☑ Charge fee(s) indicated below ☐ Credit any overpayments	1012	_,,,_,	1012	2,020	reexamination				
☐ Charge any additional fee(s) during the pendency of this action ☐ Charge fee(s) indicated below, except the filing fee, to the	1804	920*	1804	920*	Requesting publication of SIR prior				
above-identified deposit account.					to Examiner action				
FEE CALCULATION	1805	1,840*	1805	1,840*	Requesting a publication of SIR after				
FEE CALCULATION	1251	110	2251	55	Examiner action Extension for reply within 1st month				
1 BACIC PH BIC PER	1251	420	2252	210	Extension for reply within 2 nd month				
1. BASIC FILING FEE	1253	950	2253	475	Extension for reply within 3 rd month				
Large Entity Small Entity	1254	1,480	2254	740	Extension for reply within 4 th month				
Fee Fee Fee Fee Description Fee Paid	1255	2,010	2255	1,005	Extension for reply within 5th month				
Code (\$) Code (\$)	1401	330	2401	165	Notice of Appeal				
1001 770 2001 385 Utility filing fee 770	1402	330	2402	165	Filing a brief in support of an appeal				
1002 340 2002 170 Design filing fee	1403	290	2403	145	Request for oral hearing				
1003 530 2003 265 Plant filing fee	1451	1,510	1451	1,510	Petition to institute a public use				
1004 770 2004 385 Reissue filing fee	1452	110	2452	55	Petition to revive – unavoidable				
1005 160 2005 80 Provisional filing fee	1453	1,330	2453	665	Petition to revive – unintentional				
SUBTOTAL (1) \$ 770	1501	1.330	2501	665	Utility issue fee (or reissue)				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1502	480	2502	240	Design issue fee				
Fee from	1503	640	2503	320	Plant issue fee				
Extra Below Fee Paid	1460	130	1460	130	Petitions to the Commissioner				
Total Claims 20 $20**=$ $18/9 =$ 0 Independent Claims 2 $3**=$ x </td <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Petitions related to provisional applications</td>	1807	50	1807	50	Petitions related to provisional applications				
Independent Claims $2 3** = x 86/43 = 0$	1806	180	1806	180	Submission of Information				
Multiple Dependent x $\underline{290/145} =$	1800	100	1800	100	Disclosure Statement				
Large Entity Small Entity	8021	40	8021	40	Recording each patent assignment per				
Large Entity Small Entity Fee Fee Fee Fee Fee Description					property (times number of properties)40				
Code (\$) Code(\$)	1809	770	2809	385	Filing a submission after final rejection				
**	1010	330	2010	385	(37 CFR 1.129(a)) For each additional invention to be				
1202 18 2202 9 Claims in excess of 20	1810	770	2810	383	examined (37 CFR 1.129(b))				
1201 86 2201 43 Independent claims in excess of 3	1801	770	2801	385	Request for Continued Examination				
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 **Reissue independent claims over	1802	900	1802	900	Request for expedited examination				
1204 86 2204 43 **Reissue independent claims over original patent					of a design application				
1205 18 2205 9 **Reissue claims in excess of 20 and	۵.		c \						
over original patent	Other	fee (speci	ty)						
CHIPTOTIAL (A)	*Redi	*Reduced by Basic Filing Fee Paid							
** or number previously paid, if greater; for Reissues, see above		SUBTOTAL (3) \$							
					Complete (if applicable				
SUBMITTED BY Typed or					Complete (ii applicable				
Printed Name William J. Clemens					Reg. No. 26,855				
11/1/1 / 1/2					Deposit Account				
Signature ////////////////////////////////////				October 6, 2003 User ID					
WARNING: Leformation on this form ma	v becom	become public. Credit card information should not							

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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